U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL		
I LE INANSMITTAL	4	
for FY 2003	F	
Effective 01/01/2003. Patent fees are subject to annual revision.	E	
Applicant claims small entity status. See 37 CFR 1.27	7	

TOTAL AMOUNT OF PAYMENT

(\$)499.00

C mplete if Known			
Application Number	to be assigned	1	
Filing Date	to be assigned	l.	
First Named Inventor	Yu Chen	T:	
Examiner Name	to be assigned		
Art Unit	to be assigned		
Express Mail No.	EV 335524514 US		
Attorney Docket No.	38482-8011US		
	Application Number Filing Date First Named Inventor Examiner Name Art Unit Express Mail No.	Application Number to be assigned Filing Date to be assigned First Named Inventor Yu Chen Examiner Name to be assigned Art Unit to be assigned Express Mail No. EV 335524514 US	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None	3. ADDITIONAL FEES			
Order	Large Entity Small Entity			
Deposit Account:	Fee Fee Fee Fee Description Fee Paic			
Deposit Account Number 50-0665	Code (\$) Code (\$)			
Deposit Account Name	1051 130 2051 65 Surcharge – late filing fee or oath			
The Commissioner is authorized to: (check all that apply)	1052 50 2052 25 Surcharge – late provisional filing fee or			
Charge fee(s) indicated below Credit any overpayments	cover sheet			
Charge any additional fee(s) during the pendency of this application	1053 130 1053 130 Non-English Specification			
Charge fee(s) indicated below, except for the filing fee	1812 2,520 1812 2,520 For filing a request for ex parte			
to the above-identified deposit account.	reexamination			
FEE CALCULATION	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action			
1. BASIC FILING FEE	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action			
Large Entity Small Entity	1251 110 2251 55 Extension for reply within first month			
Fee Fee Fee Fee Fee Description Fee Paid	1251 110 2251 55 Extension for reply within first month			
Code (\$) Code (\$)	1252 410 2252 205 Extension for reply within second month			
1001 750 2001 375 Utility filing fee 375	1253 930 2253 465 Extension for reply within fourth month			
1002 330 2002 165 Design filing fee	1255 1,970 2255 985 Extension for reply within fifth month			
1003 520 2003 260 Plant filing fee	1401 320 2401 160 Notice of Appeal			
1004 750 2004 375 Reissue filing fee	1402 320 2402 160 Filing a brief in support of an appeal			
1205 160 2005 80 Provisional filing fee	1403 280 2403 140 Request for oral hearing			
SUBTOTAL (1) (\$) 375	1451 1,510 1451 1,510 Petition to institute a public use			
	proceeding			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1452 110 2452 55 Petition to revive - unavoidable			
Fee from	1453 1,300 2453 650 Petition to revive - unintentional			
Extra Claims below Fee Paid	1501 1,300 2501 650 Utility issue fee (or reissue)			
Total Claims 14	1502 470 2502 235 Design issue fee			
Independent Claims 5 - 3** = 2 X 42 = 84 Multiple Dependent 140 = 0	1503 630 2503 315 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner			
Manabio Sebelidoss				
Large Entity Small Entity	1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure			
Fee Fee Fee <u>Fee Description</u>	Stmt			
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per			
1202 18 2202 9 Claims in excess of 20	property (times number of properties) 40			
1201 84 2201 42 Independent claims in excess of 3	1809 750 2809 375 Filing a submission after final rejection			
1203 280 2203 140 Multiple dependent claim, if not paid	(37 CFR 1.129(a))			
1204 84 2204 42 ** Reissue independent claims over original patent	1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))			
1205 18 2205 9 ** Reissue claims in excess of 20	1801 750 2801 375 Request for Continued Examination			
and over original patent	(RCE)			
SUBTOTAL (2) (\$) 84	1802 900 1802 900 Request for expedited examination of a design application			
·· 	Other fee (specify)			
	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40			
**or number previously paid, if greater: For Reissues, see above	(a) (b) Add			

SUBMITTED BY				-	(Complete (if applicable)
Name (Print/Type)	Chun M. Ng		Registration No. (Attorney/Agent)	36,878	Telephone 206-264-6488
Signature		7			Date 7/24/03

WARNING: Information on this formmay become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Signature

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number,

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. First Inventor Yu C		No.	38482-8011US
		Yu C	Chen
Title			ON OF BRAGG WAVELENGTH SHIFT IN A GRATING RECT COUPLER
Evom	e Mail La	hal Ma	EV/335534514115

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 7. CD-ROM or CD-R in duplicate, large table or 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 🛛 Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) See 37 CFR 1.27. 3. Specification [Total Pages a. Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or - Cross Reference to Related Applications ii. 🗌 paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table, or a computer program listing appendix **ACCOMPANYING APPLICATIONS PARTS** - Background of the Invention 9. 🛛 Assignment Papers (cover sheet & document(s)) - Brief Summary of the Invention - Brief Description of the Drawings (if filed) 10. 37 C.F.R.§3.73(b) Statement Power of - Detailed Description (when there is an assignee) Attorney - Claim(s) - Abstract of the Disclosure 11. 🔲 English Translation Document (if applicable) 12. 🔲 Copies of IDS Information Disclosure 4. 🔯 Total Sheets 4 Drawing(s) (35 U.S.C.113) Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration [Total Pages | 4 1 13. 🔲 Preliminary Amendment a. Newly executed (original or copy) 14. 🔯 Return Receipt Postcard (MPEP 503) b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. 🔲 Certified Copy of Priority Document(s) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. 🔲 Request and Certification under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No: ___ Prior application information: Group / Art Unit: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. □ Claims the benefit of _ Application No. 17. CORRESPONDENCE ADDRESS 25096 or 🔲 Correspondence address below □ Customer Number or Bar Code Label PATENT TRADEMARK OFFICE Name (Print/Type) Registration No. (Attorney/Agent) 36,878 Chun M. Ng Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.